ABSTRACT OF THE DISCLOSURE

A multimedia service system using a virtual server includes clients for requesting information to the virtual server and receiving the requested information from the virtual server via a first network, a server for providing the requested information to the virtual server via a second network and the virtual server for receiving the information from the server to store the received information in a main memory, controlling a traffic of the first network using a traffic control protocol, transmitting the information to the clients via the first network, storing the information to be transmitted to the clients in an auxiliary memory and transmitting the information stored in the auxiliary memory to a later client when the later client requests the same information. The multimedia service system using the virtual server can reduce a load of the server, and is adaptable to the traffic of the network regardless of the number of the clients which request multimedia, so that a corresponding multimedia can be provided to the clients effectively.